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Frist
bearb..

Datum/Date

17.03.03

Zeichen/Ref./Réf.

F 1275 EP

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

00936364.9-2403-US0014654

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Synaptic Pharmaceutical Corporation

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: NONE

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



Applicants: Beth E. Borowsky, et al.
U.S. Serial No.: 09/980,145
Filing Date: November 28, 2001
Exhibit 1



European Patent
Office

**SUPPLEMENTARY
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 00 93 6364 shall be considered, for the purposes of subsequent proceedings, as the European search report

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)
X	US 3 373 081 A (KARL ENGELMAN ET AL) 12 March 1968 (1968-03-12) * the whole document * ---	48,53, 54,58, 59,78, 80,81, 88,91-97	C12N15/12 C12N5/10 C12P21/02 C07K14/47 C07K14/705 G01N33/53 G01N33/566 G01N33/567
E	WO 00 50562 A (SYNAPTIC PHARMA CORP) 31 August 2000 (2000-08-31) * the whole document * ---	1-97	
P,X	LEE D K ET AL: "Cloning and characterization of additional members of the G protein-coupled receptor family" BIOCHIMICA ET BIOPHYSICA ACTA. GENE STRUCTURE AND EXPRESSION, ELSEVIER, AMSTERDAM, NL, vol. 1490, no. 3, 29 February 2000 (2000-02-29), pages 311-323, XP004275600 ISSN: 0167-4781 * the whole document * ---	1-97	
			TECHNICAL FIELDS SEARCHED (Int.CI.7)
			C07K C12N G01N C12P
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
INCOMPLETE SEARCH			
The Search Division considers that the present application, or some or all of its claims, does/do not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following claims: Claims searched completely : Claims searched incompletely : Claims not searched : Reason for the limitation of the search: see sheet C			
Place of search MUNICH		Date of completion of the search 4 March 2003	Examiner Mueller, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C20)

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
P,X	WO 00 18438 A (SYNAPTIC PHARMA CORP) 6 April 2000 (2000-04-06) see whole doc. esp. claims and seq id 11 ----	1-97	
A	WO 97 40148 A (BOUVIER MICHEL ;LOISEL THOMAS P (CA); UNIV MONTREAL L (CA); HEBERT) 30 October 1997 (1997-10-30) * the whole document *		
A	STAM N J ET AL: "MOLECULAR CLONING AND CHARACTERIZATION OF A NOVEL ORPHAN RECEPTOR EXPRESSED IN HUMAN PANCREAS THAT SHOWS HIGH STRUCTURAL HOMOLOGY TO THE P2U PURINOCEPTOR" FEBS LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 384, no. 3, 22 April 1996 (1996-04-22), pages 260-264, XP002030124 ISSN: 0014-5793 * the whole document * -----		TECHNICAL FIELDS SEARCHED (Int.Cl.7)



Claim(s) searched incompletely:

48,53,54,55,57,59,60,78,80,81,88,89,90

Reason for the limitation of the search:

Present claims 48,53,54,55,57,59,60,78,80,81,88-97 relate to a compound/method defined by reference to a desirable characteristic or property, namely binding to the SNORF-33 receptor

The claims cover all compounds/methods having this characteristic or property, whereas the application provides support within the meaning of Article 84 EPC and/or disclosure within the meaning of Article 83 EPC for only a very limited number of such compounds/methods. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 84 EPC). An attempt is made to define the compound/method by reference to a result to be achieved. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to the compounds listed on pages 140,146,150 and 151 of the present application.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 93 6364

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

04-03-2003

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